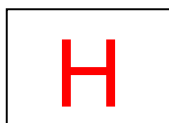




Cornell University
College of Agriculture and Life Sciences

Agro-One SOILS LABORATORY



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730 Warren Road Ithaca NY 14850
Ph: 800-344-2697 x2179 Fax: 607-257-1350
Email soil@dairyone.com Web: www.dairyone.com
Nutrient Guidelines provided by Cornell University

Lawn, Garden & Landscape Sample Submission Form

For home and community lawn and garden (i.e. fruit, vegetable, ornamental), trees and landscape soil samples

Customer name				Company/Cornell Cooperative Extension Office/Educator			
				Cornell Cooperative Extension Onondaga			
Street				Street 2 Clinton Square, Suite 170			
				The Atrium			
City	State	Zip	County (required)	City	State	Zip	County
				Syracuse,	NY	13202	Onondaga
Fax/email results to:				Fax/email results to:			
Phone number:							

For prompt processing enclose a check payable to Dairy One, credit card information or valid Agro-One account number.

Payment by Check Amt \$ _____ Check No. _____ Or Bill to Agro-One Account No. _____	Payment by Credit Card <input type="checkbox"/> VISA <input type="checkbox"/> MASTERCARD <input type="checkbox"/> AMERICAN EXPRESS Card Number _____ Expiration Date _____ Signature _____ 3-digit verification code: ____ _ (from reverse side of card)
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Sample ID: _____
(eg. Garden, west flower bed, etc. The **Sample ID** should match the **Field Name/Number** on the cardboard sample box)

Cornell Guidelines will be provided if you supply a valid plant/crop code from the list on the back of this form.

Plant/Crop Code _____ **Plant Name** _____ **Date Sampled** _____

Soil Texture: ☐ Sandy ☐ Loamy ☐ Silty ☐ Clay

Soil Drainage: ☐ Excellent ☐ Good ☐ Fair ☐ Poor

Check Only One Soil Test per submission form/sample.

- | | | |
|---------------------------------|--|---------|
| <input type="checkbox"/> (833E) | Preplant Preparations — Use before planting annuals or perennials | \$12.00 |
| <input type="checkbox"/> (833M) | Maintenance of Established Plantings | \$12.00 |
| <input type="checkbox"/> (834E) | Preplant Troubleshooting (830 plus soluble salts*) | \$17.00 |
| <input type="checkbox"/> (835M) | Maintenance Troubleshooting (830 plus soluble salts*) | \$17.00 |
| <input type="checkbox"/> (856) | Home Lawn (pH and P only) ** | \$ 7.00 |

* Excessive fertilizer may cause high soluble salt levels that restrict plant growth. A soluble salt test, in conjunction with a standard soil test, can be used to determine the suitability of a new planting site or soil mix for use on landscaped areas or identify the cause of poor plant growth in an established planting.

** A soil test indicating that additional phosphorus is needed for growth of that lawn is required for the purchase or application of P containing fertilizer in New York after January 1 2012 in compliance with the NY Nutrient Runoff law Article 17 Title 21

Heavy metal and Cation Exchange Capacity (CEC) testing are available through the Cornell Nutrient Analysis Lab (CNAL).

Please contact CNAL directly at: 1-607-255-4540, soiltest@cornell.edu or <http://cnal.cals.cornell.edu>.

The 833 Soil Test Package includes; pH, buffer pH (lime requirement), organic matter, Modified Morgan extractable phosphorus and potassium plus calcium, magnesium, aluminum, iron, zinc, and manganese plus nutrient guidelines if a valid crop code is provided. **The 834 package includes** the 833 analysis plus soluble salts. **The 856 Soil Test Package** includes pH, and Phosphorus only to comply with NY Nutrient Runoff Law Article 17 Title 21.

Sample Submission Instructions: In the area to be tested, take two tablespoonfuls of soil from a four to six inch depth in at least eight different places (total of 1 cup of soil). Mix well and air dry. Place one cup of soil into the soil sample box. Place the sample box and submission form into a padded envelope or box and send to Agro-One, 730 Warren Road, Ithaca NY 14850. Go to **Agro-One** at www.dairyone.com for additional submission options, sample boxes and forms. If paying by check, include a check payable to Dairy One with the sample.

Go to www.gardening.cornell.edu for guidance on managing the fertility of your lawn or garden.

Plant/Crop Codes Table		
LAWNS		
LAW	Lawns (home or community spaces where you want to grow grass)	
ANNUALS, PERENNIALS, TREES, SHRUBS, VINES AND GROUND COVERS		
ALG	Woody plants that prefer acid soil (pH 4.5 to 5.9)	Need help? Search the woody plant database to find pH preferences of your plants: http://woodyplants.mannlib.cornell.edu
SAG	Woody plants that prefer less acid/alkaline soil (pH 6.0 to 7.5)	
PER	Perennials	
ROS	Roses	
FLA	Flowering Annuals	
SPB	Spring Flower Bulb	
SUB	Summer Flower Bulb	
VEGETABLES AND HERBS		
MVG	Mixed Vegetables (i.e. your typical large or small vegetable garden for home use, be it one crop such as tomatoes or a collection of many different crops from leafy greens to winter and summer squash)	
HRB	Herbs	
APR	Asparagus	
FRUIT CROPS		
BLB	Blueberries	
GRA	Grapes	
RSP	Raspberry/Blackberry/other brambles	
STR	Strawberry	
TRF	Tree Fruits	

If you are a **commercial grower** or have a **large planting of a specific vegetable or fruit crop**, you might find it is more appropriate to use

- **Form F** (Commercial Fruit Crop)
- **Form V** (Commercial Vegetable Crop)

available at:

http://www.dairyone.com/AgroOne/submittal_forms.htm

www.gardening.cornell.edu is your portal to gardening information at Cornell including contact information for experts at your local county Cornell Cooperative Extension office.





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Cornell University
College of
Agriculture**Form H2 must be accompanied by H Form page 1. Multiple Sample Submission form for NEW YORK State: Lawn, Garden and Landscape****(Standard service 833E/M \$12 per sample Standard plus Soluble Salts Service 834 E/M \$17 per sample Lawn Phosphorus Service 856 \$7.00)**

Customer Name		Fax / Email				County		
SOIL INFORMATION Visit http://websoilsurvey.nrcs.usda.gov/app/ for soil maps and names								
Lab Id <i>For lab use only</i>	CNAL Bag No.	SAMPLE ID	Sample Date	Plant Crop Code <i>See back of Form H for the list of crop codes</i>	Plant Name if known	Service Requested 833E or M 834E or M (list one per sample)	SOIL CHARACTERISTICS	
							Texture ¹	Drainage ²
For lab use only								
For lab use only								
For lab use only								
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For lab use only								
For lab use only								

¹ Soil Texture Please write Sandy, Loamy, Silty or Clay² Soil Drainage Please write Excellent, Good, Fair, Poor